## CLAIMS

1. Device for remote status readings, comprising a communication network (1), a central controller (2) linked to the communication network (1), and a plurality of peripheral devices, such as (31 to 33), linked to the controller (2) through the intermediary of the network (1), each peripheral device (31 to 33) adopting at each instant an instantaneous status (STAT_1 to STAT_3) belonging to a plurality of possible statuses, and the controller (2) periodically scanning the peripheral devices (31 to 33) to read their instantaneous statuses, characterised in that the communication network (1) links the peripheral devices (31 to 33) to the controller (2) by electromagnetic means, and in that the peripheral devices (31 to 33) are supplied in electrical energy through the intermediary of this communication network (1).

2. Device for remote status readings according to claim 1, characterised in that the communication network (1) comprises a series circuit supplied by the controller (2) and includes a plurality of electromagnetic induction loops (11, 12, 13).

3. Device for remote status readings according to either one of claims 1 or 2, characterised in that each peripheral device (31 to 33) possesses its own identification code (KID_1 to KID_3), in that the controller (2) has a configuration memory (21) in which are stored correlatively, for each peripheral device (31 to 33), the identification code (KID_1 to KID_3) of this

peripheral device and a localisation parameter (LOC_1 to LOC_3) identifying the location of this peripheral device (31 to 33) in the network (1), and in that the controller (2) reads, for each peripheral device (31 to 33), the

5   instantaneous status (STAT_1 to STAT_3) of this peripheral device (31 to 33) and its identification code (KID_1 to KID_3), with the result that each instantaneous status read (STAT_1 to STAT_3) is correlated, by the controller (2) to a location in the network (1).

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4. Device for remote status readings according to any one of the above claims, characterised in that each peripheral device (31 to 33) includes, apart from a transmitter-receiver circuit (421, 422, 423), at least

15   one status encoder (61, 62, 63) adopting an instantaneous status (STAT_1 to STAT_3) constituting or participating in building up the instantaneous status of this peripheral devices, this status encoder (61, 62, 63) being linked to the transmitter-receiver circuit (421,

20   422, 423) to allow this peripheral device (31 to 33) to transmit the instantaneous status (STAT_1 to STAT_3) of the encoder (61, 62, 63) to the controller (2).

5. Device for remote status readings according to claims

25   2 to 4, characterised in that each peripheral device (31 to 33) includes an electronic tag (4) equipped with a memory (411, 412, 413) containing the identification code (KID_1 to KID_3) attributed to this peripheral device (31 to 33), a local antenna (401, 402, 403) coupled to an

30   induction loop (11, 12, 13) of the communication network (1) to receive the electrical energy transmitted by this induction loop, and the transmitter-receiver circuit

(421, 422, 423), this transmitter-receiver circuit being linked to the local antenna (401, 402, and 403) to be able at least to receive from the controller (2) a transmission order and to be able to transmit to the

5    controller (2), apart from the instantaneous status (STAT_1 to STAT_3) of the encoder (61, 62, 63), the identification code (KID_1 to KID_3) of this tag.

6. Device for remote status readings according to claim 4

10   or 5, characterised in that each peripheral device (31 to 33) includes, as status encoder (61, 62, 63), at least one appropriate element (611, 621, 631) such as an electric contact.

15   7. Device for remote status readings according to any one of claims 4 to 6, characterised in that each peripheral device (31 to 33) includes, as status encoder, at least one sensor sensitive to the influence of a physical parameter to which this peripheral device is subjected.

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8. Device for remote status readings according to any one of claims 4 to 7, characterised in that each peripheral device (31 to 33) furthermore includes a display element (71, 72, 73).

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9. Application of a device according to any one of the above claims, for management of remote commands, wherein each peripheral device (31 to 33) forms a command terminal.

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10. Application of a device according to any one of claims 1 to 8, for management of remote calls, wherein each peripheral device (31 to 33) forms a call terminal.

5   11. Application according to claim 10, wherein each peripheral device (31 to 33) is installed at a specific location, such as a floor of a building (ETG_1 to ETG_3), and forms a call terminal for a means of transport, such as a lift.

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12. Application according to claim 11, wherein the status encoder of each peripheral device (31 to 33) includes a plurality of appropriate elements (611, 612; 621, 622; 631, 632) such as electric contacts, each of which

15   identifies an assigned destination for the means of transport from a departure position represented by the specific location.